Horizon Analytical

Certificate of Analysis

Lot Number: DPS-4876915
Client Name: Direct Peptides
Identity: directpeptides.com

Lab Received Date: 08/03/2026
Analysis Conducted: 08/11/2026
Searchable via: horizonanalytical.com

Compound:	Semaglutide
Report Number:	1020944
Appearance:	White Lyophilized Powder

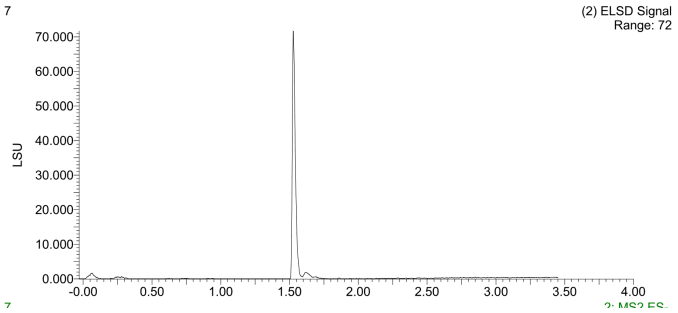
CAS:	910463-68-2
Formula:	$C_{187}H_{291}N_{45}O_{59}$
Mol Weight:	~4114 g/mol

Pubchem CID: 56843331

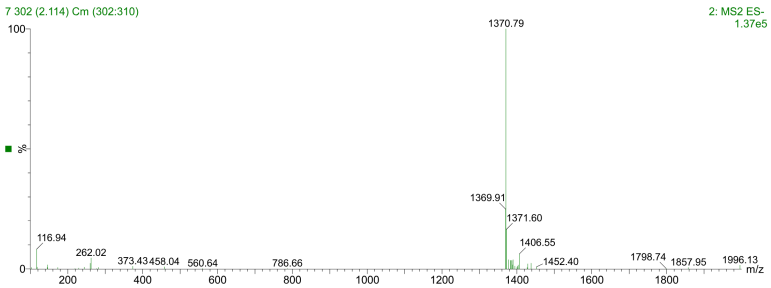
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Semaglutide	Semaglutide	
Quantity:	10mg	10.13mg	
Purity:	>98%	99.22%	

UPLC



MS



Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

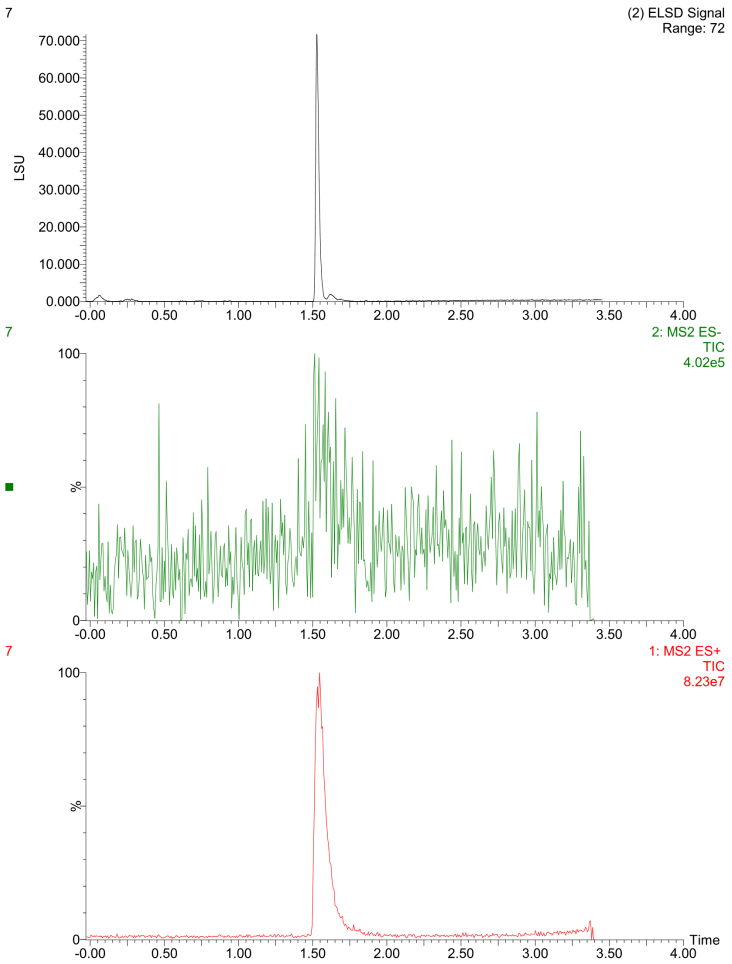
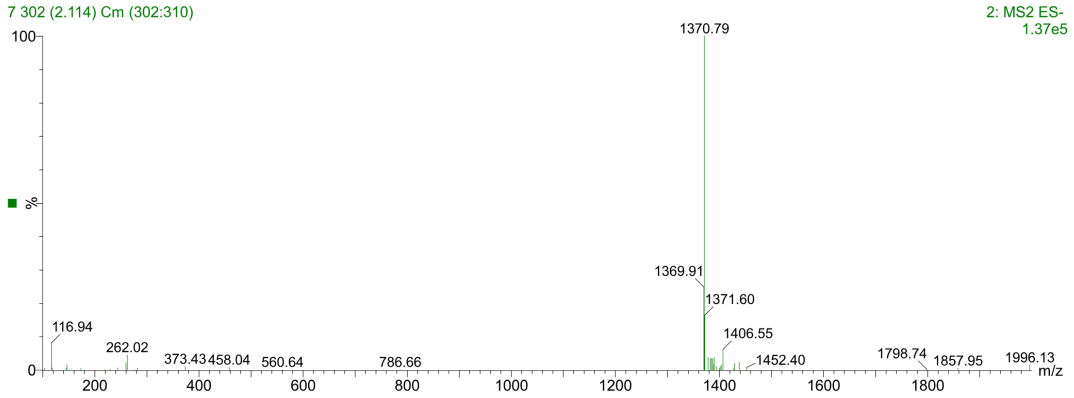
Horizon Analytical

Certificate of Analysis

Lot Number: DPS-4876915
Client Name: Direct Peptides
Identity: directpeptides.com

Lab Received Date: 08/03/2026
Analysis Conducted: 08/11/2026
Searchable via: horizonanalytical.com

Semaglutide (10mg) • Pubchem CID: 56843331
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)